



Todays Presentation

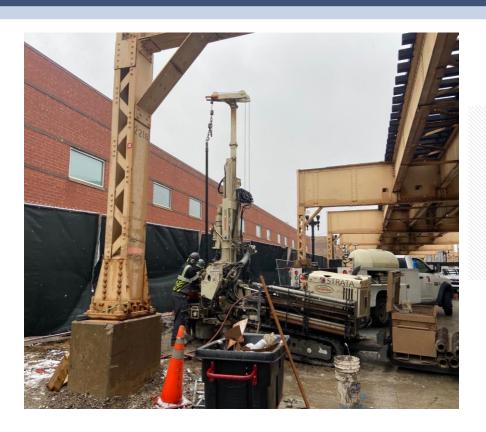
- CDOT Lake Line Damen Station
- Non-Revenue Maintenance
- Traction Power Upgrades Canal Tie House, Barry and Damen Substations
- Refresh & Renew Program
- Red and Purple Modernization Project



Construction Progress

Phase	Description	Status
Construction		
	Relocation of aerial signal and communication cables	Completed
	Replace rivets with bolts at bent steel	Completed
	Begin excavation of drilled foundations (caisson) at Station House	Completed
	Relocate Electric Duct Bank w/l Station Footprint (Planning)	On-Going
	Drilling/Installing Deep Benchmarks/Inclinometers	Completed
	 Excavation/Pouring Concrete for Grade Beams and Caisson Caps 	On-Going
	Framing, Installing Rebar and Poring Concrete for Building Core	On-Going

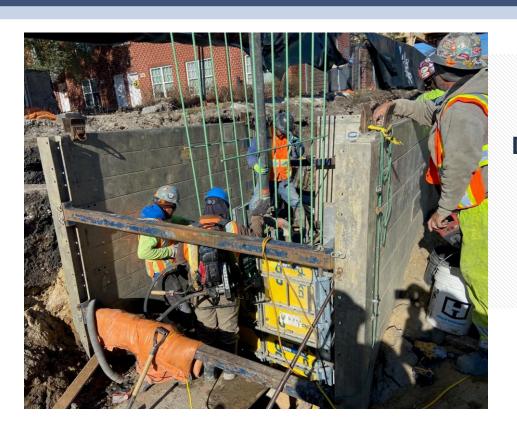




Damen Station

Drilling/Installing Deep Benchmark

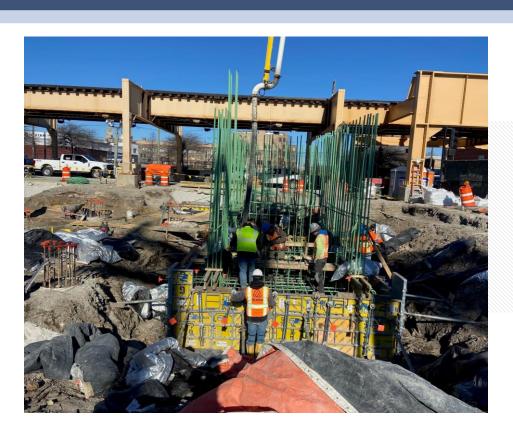




Damen Station House

Pouring Concrete Caisson Cap





Damen Station House

Pouring
Concrete Mat
for Building
Core

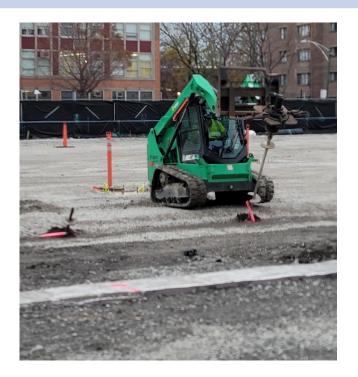


Construction Progress

Phase	Description	Status
Construction	Design Phase Design Validation Intermediate Design Permitting – Underground Package Permitting – Building Package Final Design Construction Phase Building Foundations Grade Beams Pours Foundation Utility Work Electrical Ductbank Routing ComEd Switchgear Installation Precast Panel Erection Structural Steel Installation	Complete Complete Complete Complete Under Review Complete Complete In Progress In Progress In Progress Upcoming Upcoming

Delay Explanation:





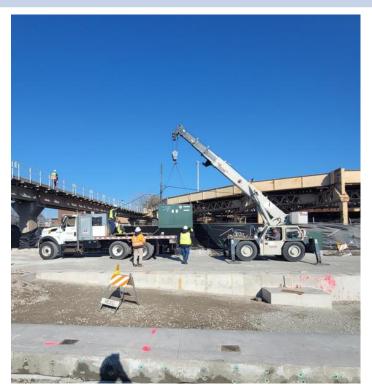
Helical Anchor Installation for Precast Support





Excavation of Calumet Ave. for the Utility Cut & Cap





ComEd Installation of the Transformer and Switchboard

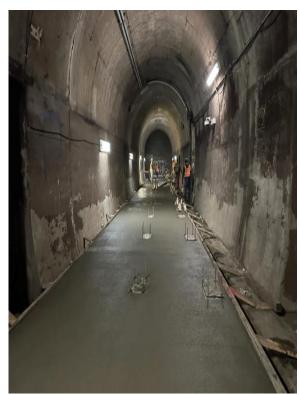


Construction Progress

Phase	Description	Status	
Haymarket	Excavate Courtyard for new equipment foundations	Completed	
Substation	 Site Preparation and rebar installation for new equipment foundations 	Ongoing	
	Form/Pour new equipment foundationsInstall new courtyard masonry wall	Ongoing Upcoming	
	Fabricate new Canal Tie-House Building	Ongoing	
Canal Tie- House	Fabricate new Canal Tie-House equipment Install rebar and pour new Tie-House foundation slab	Ongoing Completed	
	 Install, form and pour new Ductbank 1 Install, form, and pour new Ductbank 2 	Completed Ongoing	
Damen	Obtain Building Permit	Complete	
Substation	 Fabricate new substation electrical equipment Site excavation and preparation Install foundation micropiles and grade beams 	Ongoing Ongoing Ongoing	
	Build building exterior walls and roof	Upcoming	
Barry Substation	Obtain foundations permitObtain building permit	Ongoing Ongoing	
	Fabricate new substation electrical equipmentMobilization	Ongoing Ongoing	
	Demolition of existing building	Upcoming 11	

















Excavation for Haymarket Courtyard Expansion



Department	Description	Status
Facility Maintenance	Rail Stations Full Program Scope 28 Stations (28 of 28 Completed) Quincy Loop Roosevelt/ Red Roosevelt/ Orange/ Green 51st/ Green Line (Additional) 47th/ Red Line (Additional) Cermak Chinatown/ Red Line (Additional) Clark & Lake/ Blue Line (Additional)	Completed Completed Completed Completed Completed Completed Completed
	Painting and Lightning Only Improvements 92 Stations Con't (82 of 92 Completed) Addison / Brown (Painting) SBE Paulina / Brown (Painting) SBE Wellington / Brown (Painting) SBE Southport / Brown (Painting) SBE Montrose / Brown (Painting) SBE Damen / Brown (Painting) SBE Western / Brown (Painting) SBE Rockwell / Brown (Painting) SBE Kedzie / Brown (Painting) SBE Kedzie / Brown (Painting) SBE Mimball / Brown (Painting) SBE Mimball / Brown (Painting) SBE Mimball / Brown (Painting) SBE Pamen / Pink (Painting) SBE Polk / Pink (Painting) SBE	Completed Completed Completed Scheduled

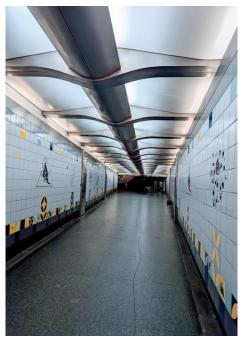
Delay Explanation:



Before



After



Roosevelt/Red/Orange/Green Line – LED Replacement



BEFORE



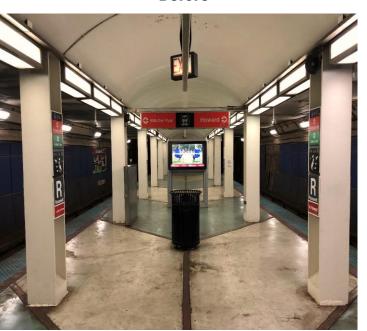
After



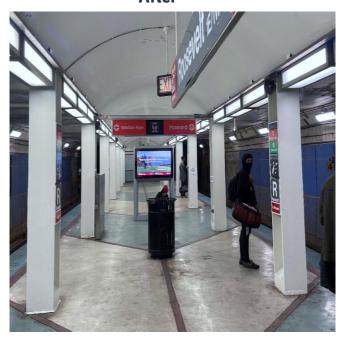
Roosevelt/Red/Orange/Green Line – Elevator LED Replacement



Before



After



Roosevelt/Red – LED Replacement, Column Painting and Power Washing of Platform Floor



Before After

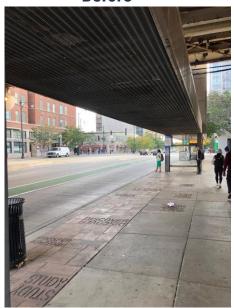




Roosevelt/Red/Orange/Green Line – LED Replacement, Column Painting and Power Washing of Platform Floor



Before



After



Roosevelt/Red/Orange/Green Line – Addition of LED lightening under the bus stop canopy





After





Cermak Chinatown/Red Line – Back light CTA Logo and add red accent lighting below canopy



Before



After

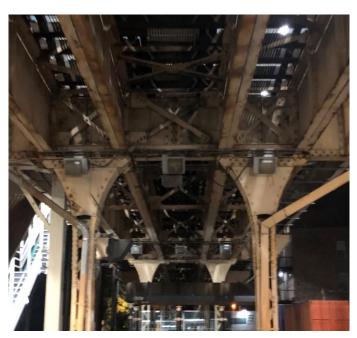




Cermak Chinatown/Red Line – Removed irrigation lines, added new soil & mulch to planters for Spring planting



Before After





51st/Green Line – Convert under the structure lighting to LED







After

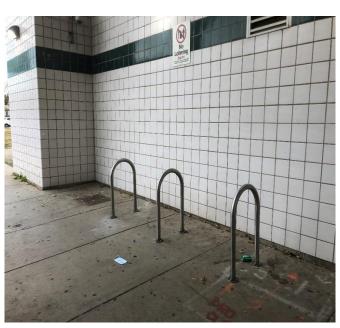


51st/Green Line - Paint station floor with grey epoxy paint



Before After





51st Green Line – Relocate dumpsters from front of station
To across the street and add bike racks



Before



After

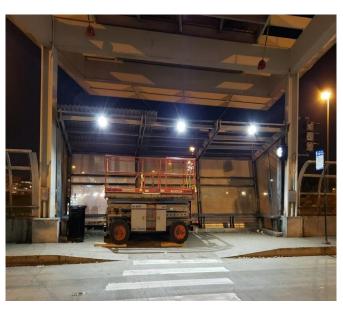


51st Green Line – New location of dumpster Added concrete pad and fencing with privacy slats



Before After





47th Red Line – Install directional flood lightening on steel structure to illuminate bus stop waiting area





Convert Artistic Overpass Canopy Light Fixtures to LED for an Illuminated Crosswalk and Artwork Showcase











47th Red Line – New LED wall pack lightening installed, and back lightening added to signage for better station visibility



Before After

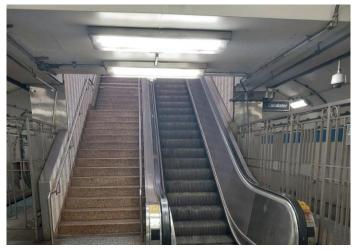




Clark & Lake Blue Line – Removal of granite staircase and installation of new stairs



Before After





Clark & Lake Blue Line – Removal of granite staircase and installation of new stairs



After









Clark & Lake Blue Line – Removal of granite staircase and installation of new stairs.



Justification of Need:	The RPM Phase One Project is greatly needed in order to expand ca to replace aging infrastructure.	apacity on CTA's most utilized rail line and
Priority of Project:	High	
Total Project Budget:	\$ 2.1 Billion (excludes Transit TIF interest payments)	
Construction Contract Value:	Original - \$1,272,275,929 Current - \$1,268,818,121	
Earned to Date:	57.5%	
Percent Change Orders to Construction Contract:	-0.27%	
Percent Time Used:	68%	
DBE:	Design: Goal: 20% / Commitment: 20.64% Construction Goal: 20% / Commitment: 20% Workforce Goals: 10% WIOA / 15% Apprentice / 35% EDA	Contractor is on track to meet the DBE goal
Funding Source:	CTA Financing, FTA Core Capacity Grant, CMAQ, TIFs	
NTP / Construction Start / Estimated Completion:	February 8, 2019 / October 2019 / 2025	
Design-Build Contractor:	Walsh-Flour Design-Build Team	
Owners Representative:	Elevated Solutions Partners	

Detailed Overview of Scope: RPM Phase One consists of the following elements that will allow CTA to expand service along the Red and Purple lines:

- Lawrence to Bryn Mawr Modernization (LBMM) complete reconstruction and addition of ADA accessibility at four Red Line stations (Lawrence, Argyle, Berwyn, and Bryn Mawr) and reconstruction of 6 miles of track, structures, and viaducts from Leland Ave. to Ardmore Ave.
- Red-Purple Bypass (RPB) Construction of a grade-separated bypass for the Brown Line at Clark Junction, just north of Belmont Ave. Includes realignment and
 reconstruction of 1.4 miles of mainline tracks and structure between Belmont station and south of Cornelia Ave.
- Corridor Signal Improvements (CSI) Installation of new higher-capacity signal system on 23 miles of track between Belmont and Howard stations.



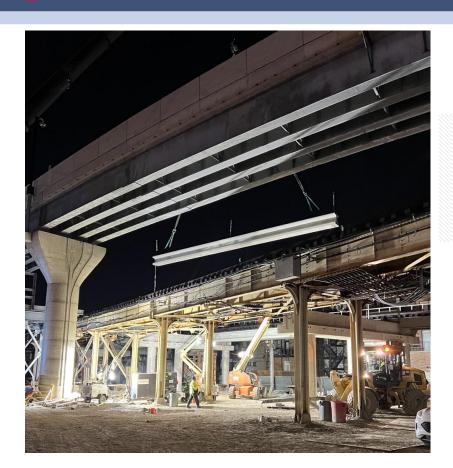
Phase	Description	Status
Administrative / Design: Construction:	 Continued submittal/revisions of required management plans Continued Design Development in support of Red-Purple Bypass, Lawrence to Bryn Mawr Modernization, and Corridor Signal Improvements Pre-Stage Work 	Ongoing Ongoing
	- Purchlist work	Ongoing
	Red-Purple Bypass (RPB). Ravenswood structure rehabilitation Clark Relay House electrical distribution equipment installation Drilled Shaft Stage 2 Construction of concrete columns and caps Pre-cast beam installation North Mainline Stage 2 closed deck installation Construction of signal and traction power concrete ductbanks and risers	Ongoing Ongoing Completed Ongoing Ongoing Ongoing Ongoing
	Lawrence to Bryn Mawr Modernization Pre-cast Segment fabrication Concrete columns and caps construction Pre-cast Segment erection Bryn Mawr and Argyle Temp Station (Stage B) Foundations DF Track construction Winona Relay House construction Transition Bridge erection at Ardmore Rail flash butt welding	Ongoing Completed Ongoing Ongoing Ongoing Ongoing Ongoing Ongoing
	 Corridor Signal Improvements (CSI) Signal network fiber installation and testing from Kenmore to Lakewood-Seminary and Southport Cable bracket and fiber slack enclosure installation Loyola to Jarvis Installation of snake tray and brackets for signal/comm cabling near Wilson Station 	Completed Ongoing Ongoing
Delay Explanation:		





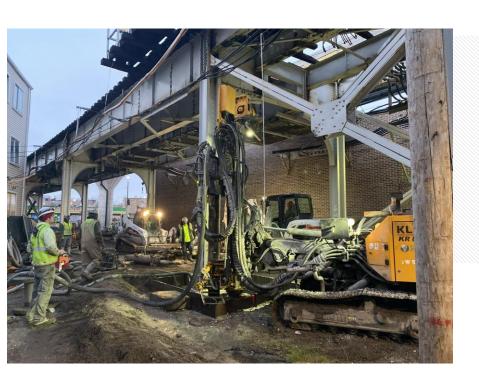
Red-Purple Bypass Pier Cap Concrete Pour





Red-Purple Bypass Precast Beam Installation





Red-Purple Bypass
Micropile
Foundations for
Ravenswood
Rehabilitation





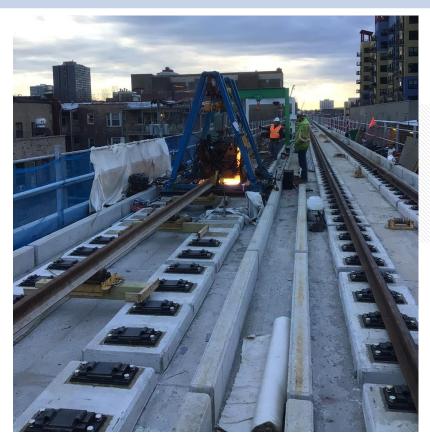
Lawrence to Bryn Mawr Modernization Argyle Temporary Station Foundation Work





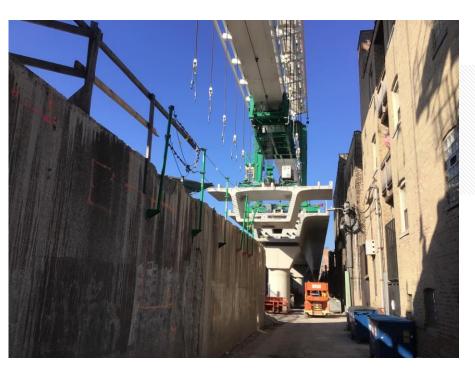
Lawrence to Bryn Mawr Modernization Winona Relay House Plywood Panel Work





Lawrence to Bryn Mawr Modernization Rail Installation





Lawrence to Bryn Mawr Modernization Segment Erection

Workforce & SBE/DBE

Project Title: RPM Phase One - Design-Build Contract

Outreach type

Going for a spin: Open for Business Facebook Live feature on Cirques Experience in Edgewater 11/17

Major Activities Timing

Lawrence to Bryn Mawr project updates for 48th ward

Weekly Red-Purple Bypass Project updates for 44th ward

- New "Enjoy Local" campaign launched
- Roscoe-Newport neighbors construction briefing
- Enjoy Local door-hanger distribution in RPM communities
- Uptown United business and community ambassador programs discussion
- Monthly "Virtual Office" answering constituent guestions
- Open for Business Facebook Live feature on "Cirques Experience" in Edgewater
- Social media posts/video celebrating Red-Purple Bypass birthday

Weekly

Bi-weekly

October 24

October 24

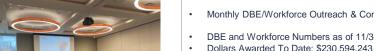
October 24

November 4

November 8

November 17

November 19





Trades Information Session at Malcom X College at 11/30

- Monthly DBE/Workforce Outreach & Compliance Meeting
- DBE and Workforce Numbers as of 11/30/2022
 - Unique DBE Firms To Date: 84
 - Unique Firms New to CTA: 32
- Total Labor Hours Produced: 1.038.535
- Total Dollars Earned: \$60,312,935
- Jobs created to date (construction trade labor on the design-build team): 1.731 individuals